SEQUENCE LISTING

	Hart, Charles E. Topouzis, Stavros
	COMPOSITIONS AND METHODS FOR IMPROVING EY FUNCTION
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	acc ccg cag agc gca tcc atc aaa gct ttg cgc aac gcc Thr Pro Gln Ser Ala Ser Ile Lys Ala Leu Arg Asn Ala 25 30 35

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	atc Ile									429
	agc Ser									477
	aat Asn				-		_			525
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	tcc Ser 120									621
	gtt Val									669
	aag Lys									717
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	gaa Glu									813
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		_	_		_			-	_	-		-		ttc Phe		909
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		_						-		_			_	gac Asp	_	1005
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gaga	aatgi	tgc a	acato	cctta	ac a	ttaag	gcctq	g aaa	agaad	cctt	tag ⁻	tttaa	agg a	agggt	gagat	1398

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Ala	Leu 210	Asp	Lys	Lys	Ile	Ala 215	Glu	Phe	Asp	Thr	Val 220	Glu	Asp	Leu	Leu	
Lys 225		Phe	Asn	Pro	Glu 230	Ser	Trp	Gln	Glu	Asp 235	Leu	Glu	Asn	Met	Tyr 240	
Leu	Asp	Thr	Pro	Arg 245	Tyr	Arg	Gly	Arg	Ser 250	Tyr	His	Asp	Arg	Lys 255	Ser	
Lys	Val	Asp	Leu 260	Asp	Arg	Leu	Asn	Asp 265	Asp	Ala	Lys	Arg	Tyr 270	Ser	Cys	
Thr	Pro	Arg 275	Asn	Tyr	Ser	Val	Asn 280	Ile	Arg	Glu	Glu	Leu 285	Lys	Leu	Ala	
Asn	Val 290	Val	Phe	Phe	Pro	Arg 295	Cys	Leu	Leu	Val	G1n 300	Arg	Cys	Gly	Gly	
Asn 305	Cys	Gly	Cys	Gly	Thr 310	Val	Asn	Trp	Arg	Ser 315	Cys	Thr	Cys	Asn	Ser 320	
Gly	Lys	Thr	Val	Lys 325	Lys	Tyr	His	Glu	Val 330	Leu	Gln	Phe	Glu	Pro 335	Gly	
His	Ile	Lys	Arg 340	Arg	Gly	Arg	Ala	Lys 345	Thr	Met	Ala	Leu	Val 350	Asp	Ile	
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					gt co				atg	caa		ctc	gtt	tta		60 113
			-	-	gcg Ala			_	_		_	_				161

					atc Ile 30								209
-	-	 -			ctc Leu	-	-		-	-			257
	-		-		ggc Gly		_	-					305
-					ctt Leu								353
				_	tcc Ser	_						 -	401
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					gtc Val								497
				_	tca Ser								545
					gtg Val					_			593
					caa Gln								641
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			act Thr	_	_	-	_	-			_	-	737
			gat Asp			_							785
	-	_	 aat Asn	_		_	-					-	833
			cgg Arg										881
			tac Tyr 270										929
			aag Lys	_			_	_				-	977
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			gtt Val 350				-	_				-	1169

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Gln Ser Pro Arg Phe Pro Asn Ser Tyr Pro Arg Asn Leu Leu Thr 65 70 75 80											
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Phe Val Glu Val Glu Glu Val Ser Glu Ser Ser Thr Val Val Arg Gly 115 120 125											
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Val Ser Tyr His Ser Pro Ser Ile Thr Asp Pro Thr Leu Thr Ala Asp 195 200 205											

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Lys His Phe Asn Pro Val Ser Trp Gln Asp Asp Leu Glu Asn Leu Tyr
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Leu Asp Thr Pro His Tyr Arg Gly Arg Ser Tyr His Asp Arg Lys Ser
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Lys Val Asp Leu Asp Arg Leu Asn Asp Asp Val Lys Arg Tyr Ser Cys
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Thr Pro Arg Asn His Ser Val Asn Leu Arg Glu Glu Leu Lys Leu Thr
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Asn Ala Val Phe Phe Pro Arg Cys Leu Leu Val Gln Arg Cys Gly Gly
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Asn Cys Gly Cys Gly Thr Val Asn Trp Lys Ser Cys Thr Cys Ser Ser
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Gly Lys Thr Val Lys Lys Tyr His Glu Val Leu Lys Phe Glu Pro Gly
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